DEC Approxed For Release 2005/07/13 : CIA-RDP80-00809A000500590102-1 CONFIDENTIAL CENTRAL INTELLIGENCE AGENCY 25X1 INFORMATION REPORT COUNTRY Czechoslovakia Test Results with Skoda Works 2.75 mm Jobber Twist Drills SUBJECT 25X1 25X1 25X1 DATE DISTR. 2/ Jul 1954 NO. OF PAGES 1 THE UNITED STATES. WITHIN THE MEANING OF TITLE IS SECTIONS TO NO'. OF ENCLS. OF THE U.S. CODE, AS AMENDED. ITS TRANSMISSION OF REVE ATION OF ITS CONTENTS TO OR RECEIPT BY AN UNAUTHORIZED PERSON BITTO BY LAR. THE PERSONNETION OF THIS REPORT IS COUNTRIT. SUPP. TO REPORT NO. THIS IS UNEVALUATED INFORMATION 25X1 tested a number of 2.75 mm jobber drills produced by the Ermo, Czechoslovakia. The drills were stamped 2.75-RS and ı. 25X1 trademark (2). 2. The drills are hard ground cleared with very rough milling and hardening scale in the flutes. They were made of 18-4-1 tungsten high-speed steel, and were file hard. The micro structure revealed that the drills were badly overheated and burned, which indicates an excessively high or poorly controlled bardening heat. The drills were fairly well drawn. 3. Cutting tests were made in 1/4" plates that brinnelled 286-302 in SAE 1090 steel. A bushing was used, and the tests conducted at 2490 RFM and .002" feed. The drills gave reasonably good results insofar as holes per grind were concerned. 4. An attempt was made to use a 1/2" test block, but the drills would not drill at that depth. The failure to drill at 1/2" depth is attributed to the restricted flute space and the rough finish. 25X1 - end -25X1 25X1 CORPTDEMTIAL FBI ORR EV ARMY NAVY DISTRIBUTION - STATE

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